

81406 to 81417—Continued.

81415. CROTALARIA ANAGYROIDES H. B. K.
Fabaceae.

A shrubby leguminous plant, up to 6 feet high, used as a cover crop in the East Indies. Native to tropical America.

For previous introduction see No. 76099.

81416. CROTALARIA USARAMOENSIS Baker
f. Fabaceae.

A crotalaria, native to East Africa, which has proved very successful as a green manure when grown in alternation with corn, producing large quantities of vegetation rich in nitrogen. In the cinchona plantations it endures partial shade and forms a low dense growth, binding the edges of the terraces. It is a very strong grower 8 feet or more high, with long spikes of yellow flowers.

For previous introduction see No. 76101.

81417. MIMOSA INVISA Mart. Mimosaceae.

A bushy tropical plant native to Brazil, about 3 feet high with feathery leaves and rose-colored flowers. It is used as a green manure.

For previous introduction see No. 77623.

81418 to 81426. CROTALARIA spp. Fabaceae.

From Honolulu, Hawaii. Seeds presented by F. G. Krauss, assistant director of agricultural extension, University of Hawaii. Received August 14, 1929.

81418 and 81419. CROTALARIA ANAGYROIDES H. B. K.

For previous introduction and description see No. 81415.

81418. No. 158. Originally from the experiment plantation, Serdang, Federated Malay States.

81419. No. 167. Originally from the College of Agriculture, University of the Philippine Islands.

81420. CROTALARIA INCANA L.

No. 15528. Originally sent to Hawaii from Savannah, Ga. A somewhat shrubby plant covered with soft gray pubescence and bearing elongated racemes of yellow flowers. It is native to tropical America.

For previous introduction see No. 76089.

81421. CROTALARIA JUNCEA L. Sunn hemp.

No. 166. Originally from the College of Agriculture, University of the Philippine Islands.

For previous introduction see No. 76100.

81422. CROTALARIA MAXILLARIS Klotzsch.

Originally sent to Hawaii from Savannah, Ga. under F. P. I. No. 60302. A plant $1\frac{1}{2}$ to $2\frac{1}{2}$ feet high, branching along the entire main stem, with broad leaflets and bright-yellow flowers. It matures in four months.

81418 to 81426—Continued.

81423. CROTALARIA RETUSA L.

Originally sent to Hawaii from Savannah, Ga., under F. P. I. No. 36969. A tropical, annual legume with yellow flowers.

For previous introduction see No. 73932.

81424. CROTALARIA USARAMOENSIS Baker f.

No. 165. Originally from the College of Agriculture of the University of the Philippine Islands.

For previous introduction and description see No. 81416.

81425. CROTALARIA sp.

Originally from Kona, Hawaii.

81426. CROTALARIA sp.

A wild species growing at the University of Hawaii farm B-2, of possible value as a cover crop.

81427 to 81429.

From Zacuapam, Huatusco, Vera Cruz, Mexico. Seeds presented by Dr. C. A. Purpus. Received August 19, 1929.

81427. EUGENIA CAPULI (Schlecht. and Cham.) Berg. Myrtaceae.

A shrub or small tree, native to Mexico, with slender branches, dark-green lanceolate leaves 1 to 2 inches long, racemose clusters of small white flowers, and small subglobose edible fruits which are red at first but turn black in ripening.

81428. PINUS OCCARPA Schiede. Pinaceae.
Pine.

A white pine 36 to 45 feet high, with a round compact head and stout branches, bright-green leaves 7 to 11 inches long, and cones 2 to 4 inches long, persistent, pendent or spreading, ochre-yellow, often tinged with gray or green. Native to western and central Mexico.

For previous introduction see No. 50651.

81429. TABERBUA PENTAPHYLLA (L.) Hemsl. Bignoniaceae.

A handsome tropical deciduous tree, about 35 feet high, native to Central America. During its flowering period, from January to March, the numerous large clusters of pink flowers make the tree very attractive.

For previous introduction see No. 73286.

81430 to 81435. LINUM USITATISSIMUM L. Linaceae. Flax.

From Ariana, near Tunis, Tunisia, Africa. Seeds presented by F. Bœuf, Chief, Botanical Service. Received August 15, 1929.

81430. *Lin Denaff* (Nord de La France).

81431. *Lin de Tunisie* No. 15.

81432. *Lin de Tunisie* No. 16.

81433. *Lin Lino Grande* (Italie).

81434. *Lin de Saft* (Maroc).

81435. *Lin Malabrigo* (Italie).